

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097131.D
 Acq On : 27 Jul 2017 19:17
 Operator : SJ/JU
 Sample : I4432-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 28 00:43:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

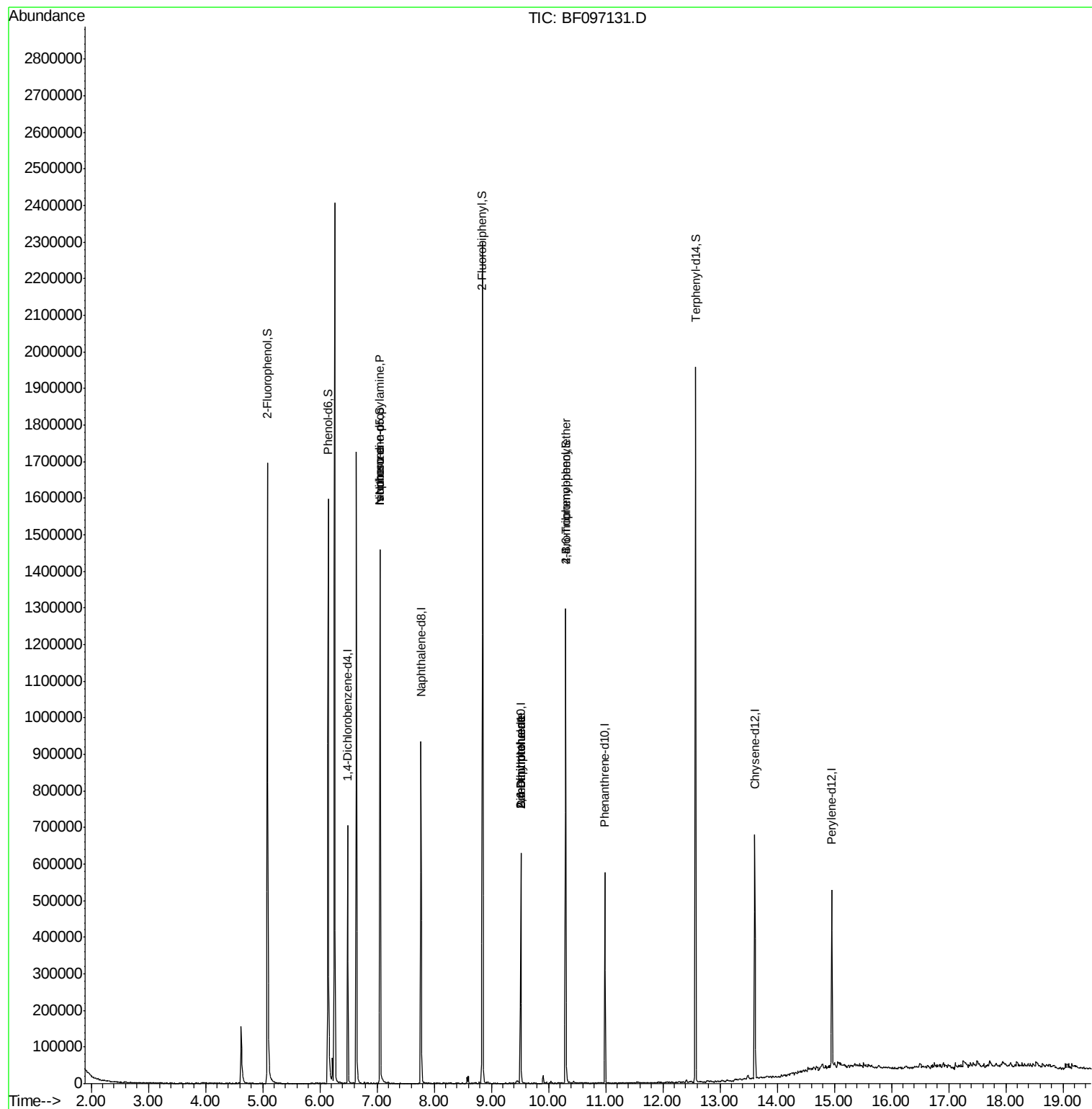
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100701	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	390560	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	133468	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	194043	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	216292	20.00	ng	-0.02
86) Perylene-d12	14.96	264	179803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	512009	76.65	ng	-0.01
7) Phenol-d6	6.15	99	512034	67.14	ng	-0.02
23) Nitrobenzene-d5	7.05	82	468974	70.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	135513	128.51	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	821621	104.47	ng	-0.02
78) Terphenyl-d14	12.57	244	611548	57.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	61296	12.21	ng	# 86
25) Isophorone	7.05	82	463721	35.57	ng	# 67
49) Dimethylphthalate	9.52	163	39727	3.92	ng	# 1
50) 2,6-Dinitrotoluene	9.51	165	15970	7.43	ng	# 31
56) 2,4-Dinitrotoluene	9.51	165	15970	6.46	ng	# 31
66) 4-Bromophenyl-phenylether	10.30	248	9127	4.71	ng	# 1

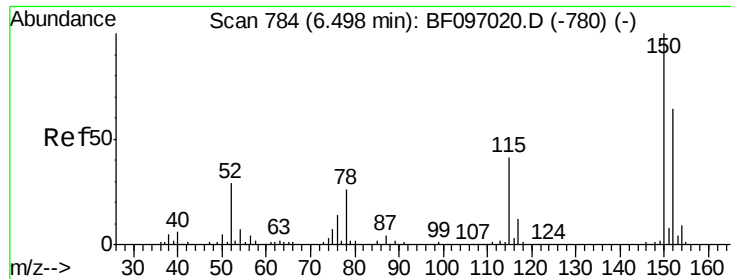
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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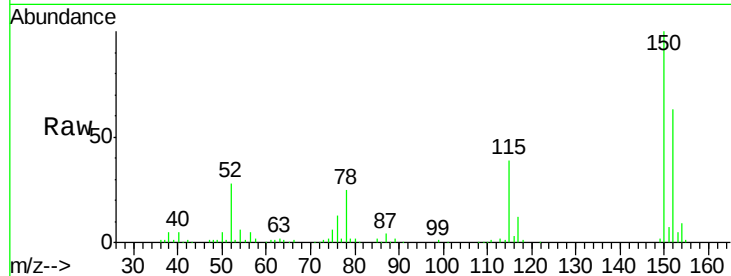


#1

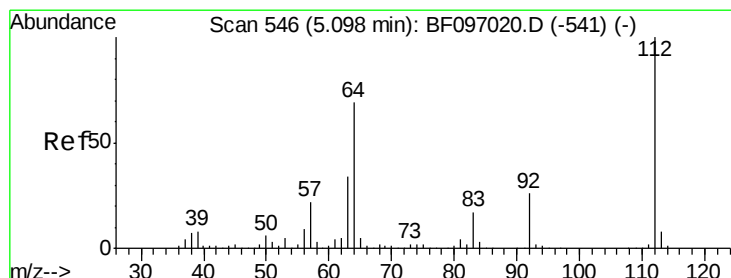
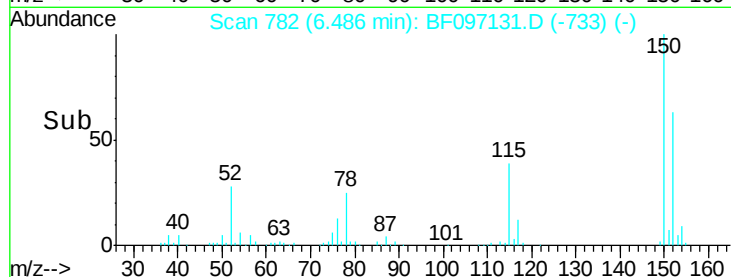
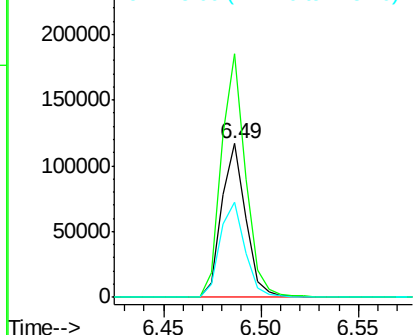
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100701
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 62.0 52.2 78.2



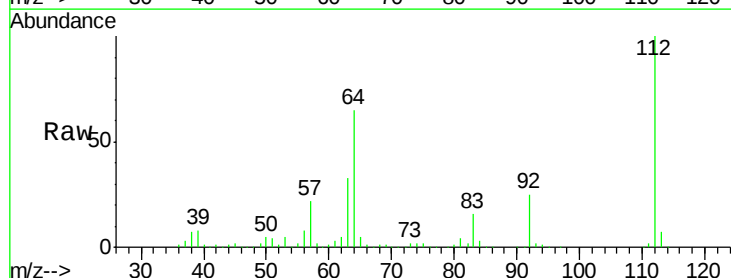
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



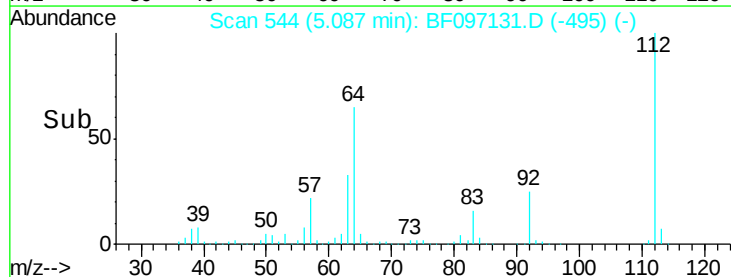
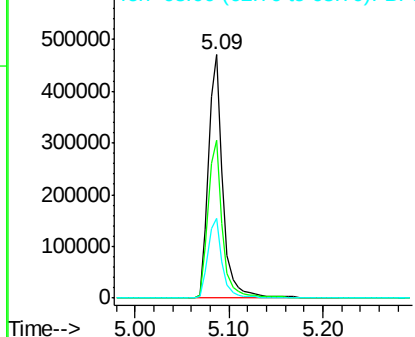
#5

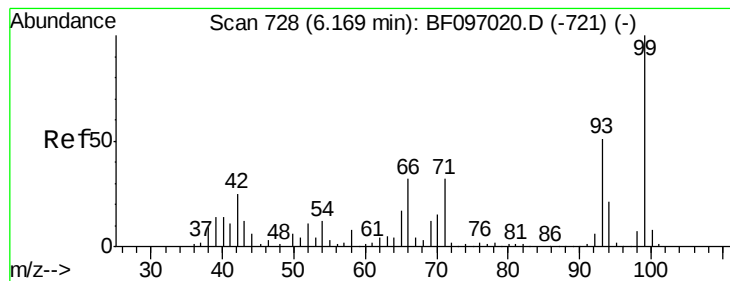
2-Fluorophenol
Concen: 76.65 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion:112 Resp: 512009
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 32.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.14 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Instrument :

BNA_F

ClientSampleId :

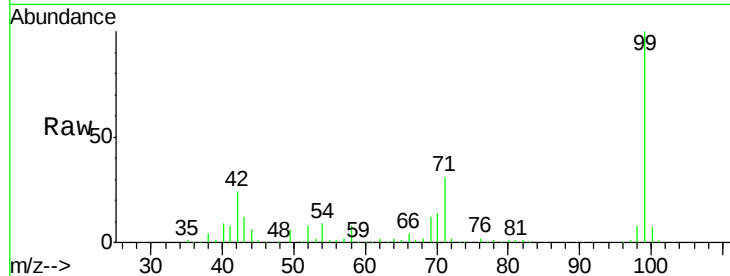
Tot Ion: 99 Resp: 512034

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

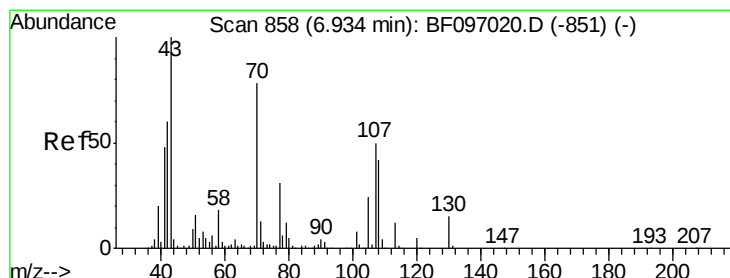
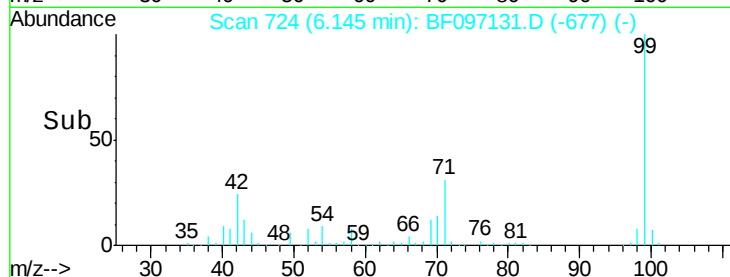
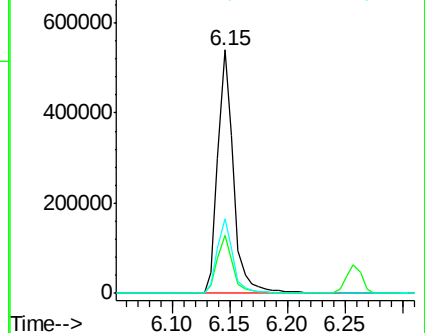
71 30.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.21 ng

RT: 7.05 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Tgt Ion: 70 Resp: 61296

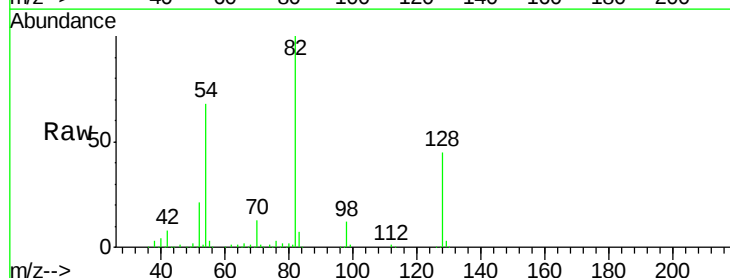
Ion Ratio Lower Upper

70 100

42 62.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

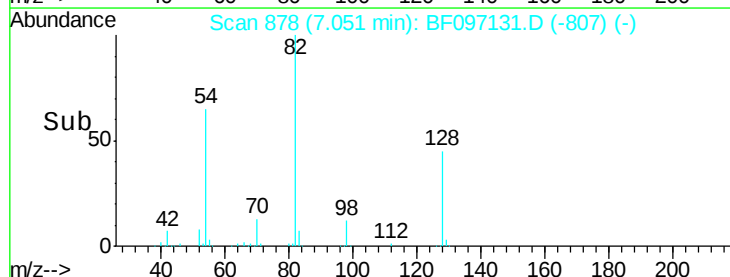
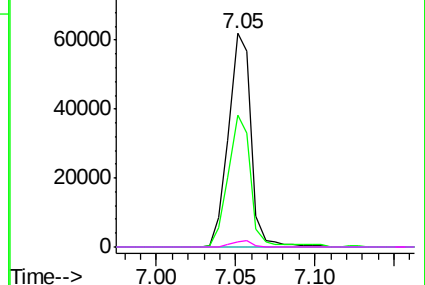


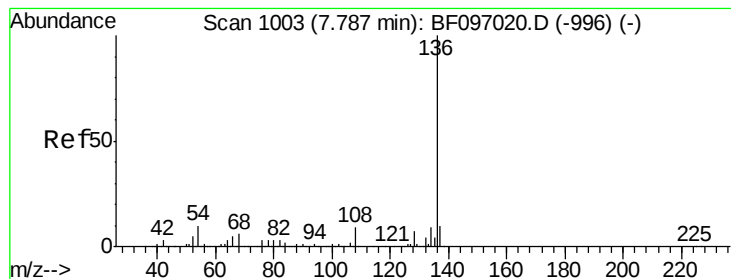
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097131.D

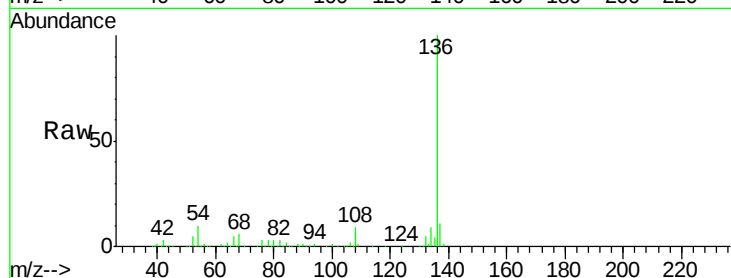
Acq: 27 Jul 2017 19:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	390560
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.5 12.7
54	10.4	4.9 7.3#
68	5.6	4.1 6.1

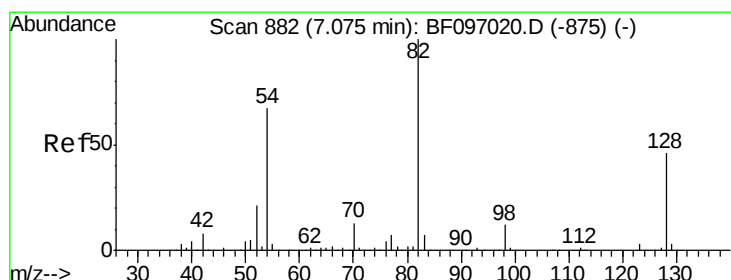
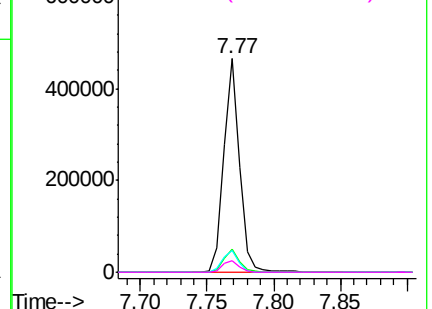
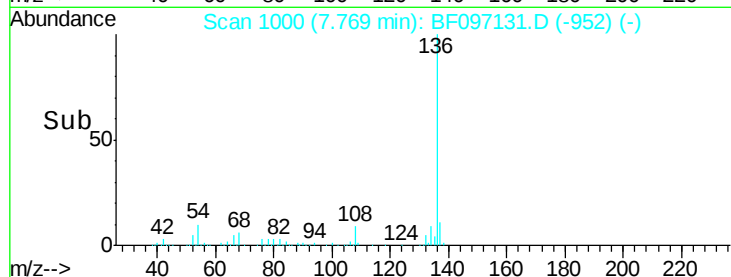


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 70.44 ng

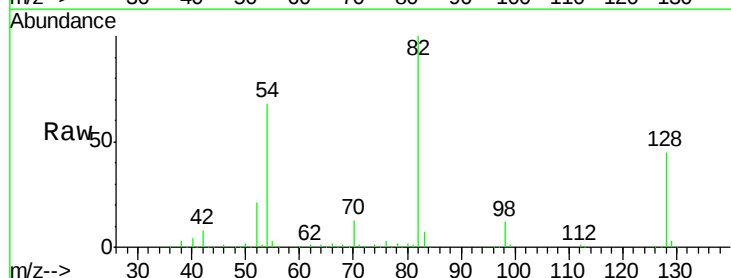
RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

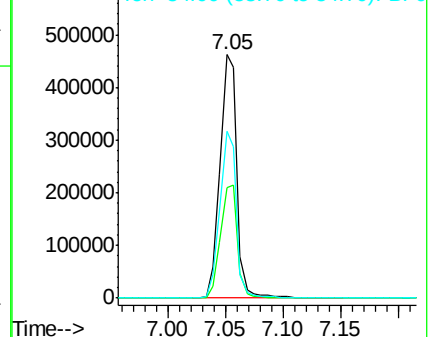
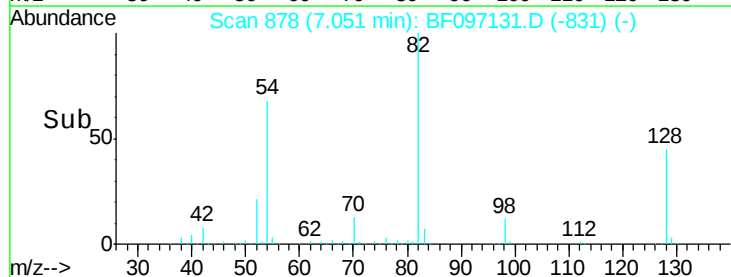
Tgt Ion: 82	Resp:	468974
Ion	Ratio	Lower Upper
82	100	
128	45.2	34.0 51.0
54	68.4	42.2 63.2#

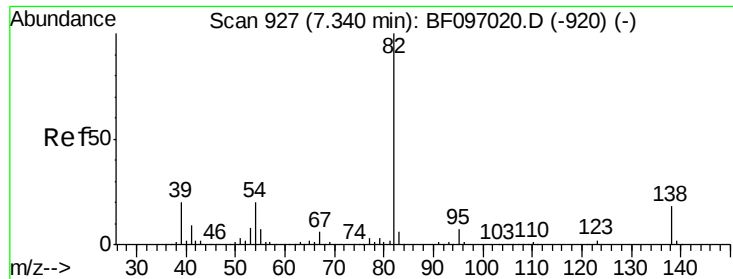


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

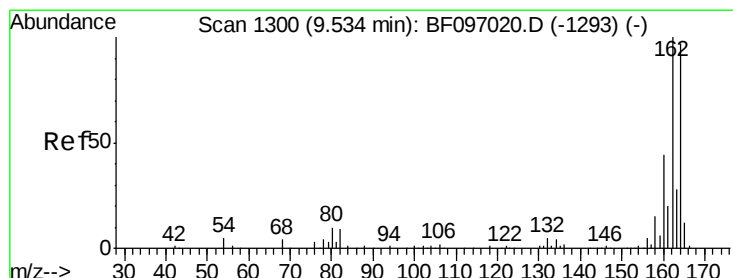
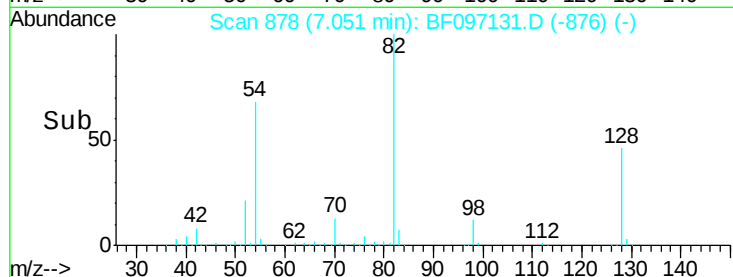
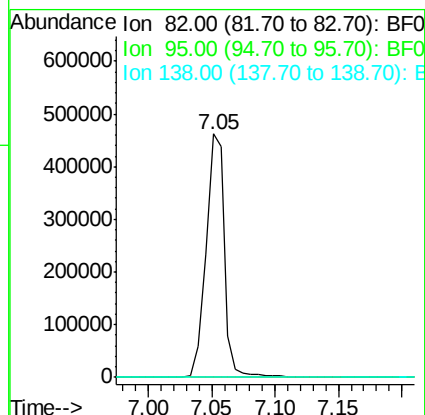
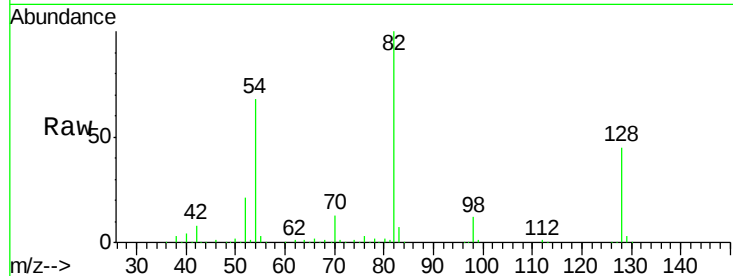




#25
Isophorone
Concen: 35.57 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

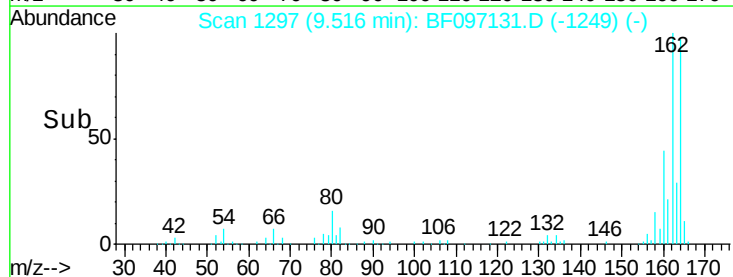
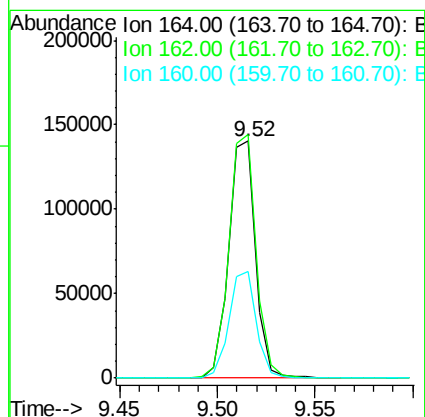
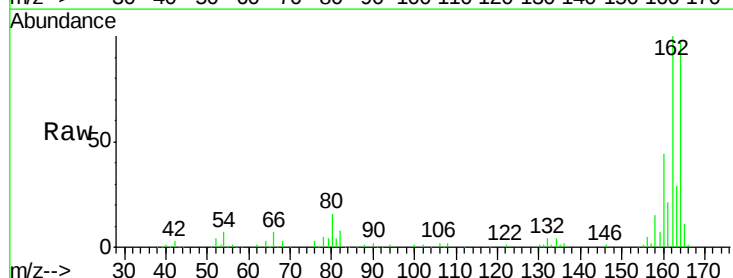
Instrument :
BNA_F
ClientSampleId :

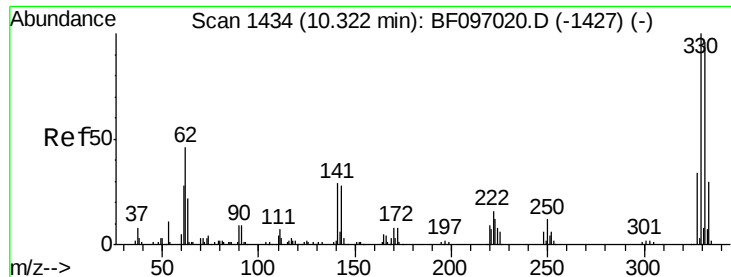
Tot Ion: 82 Resp: 463721
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion: 164 Resp: 133468
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.2 36.2 54.2

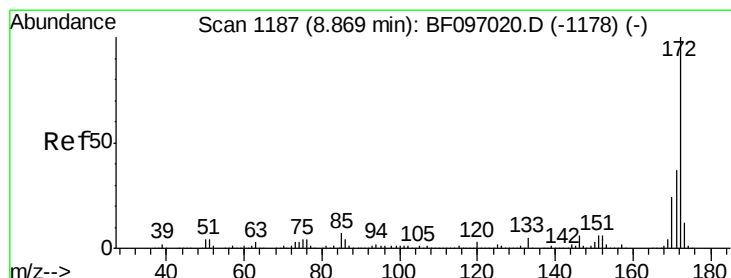
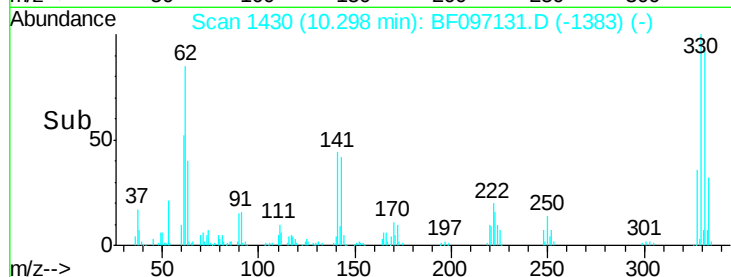
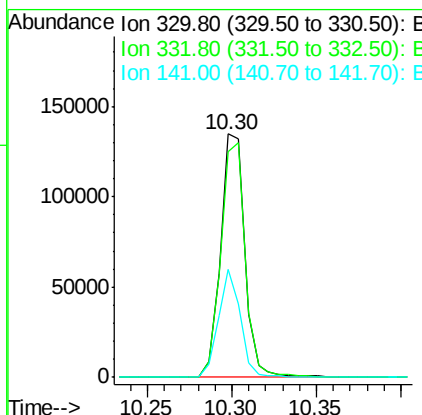
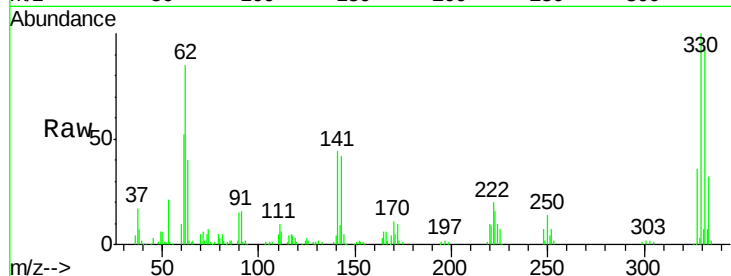




#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

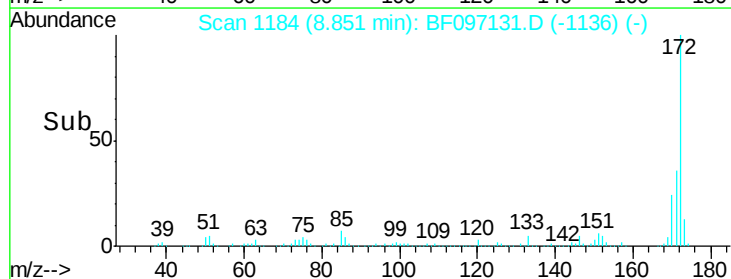
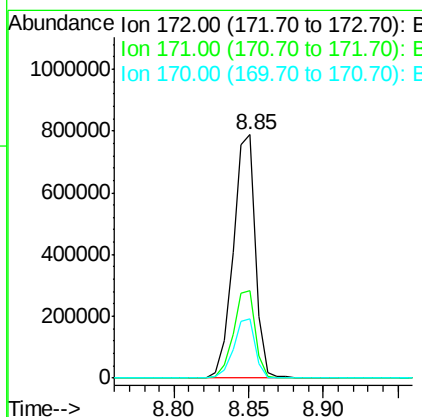
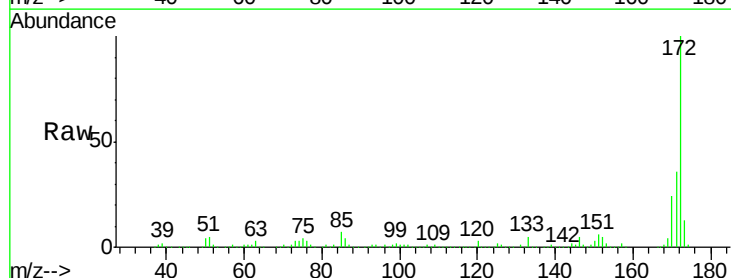
Instrument :
 BNA_F
 ClientSampleId :

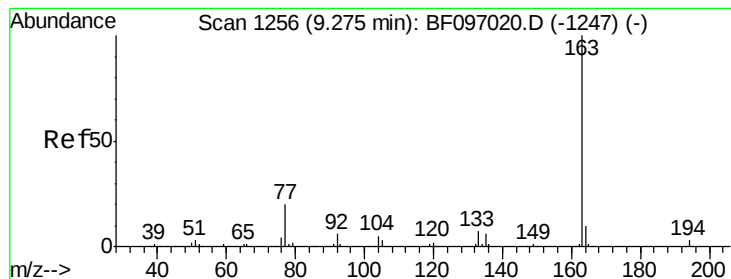
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 104.47 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 3.92 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.24 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

Instrument :

BNA_F

ClientSampleId :

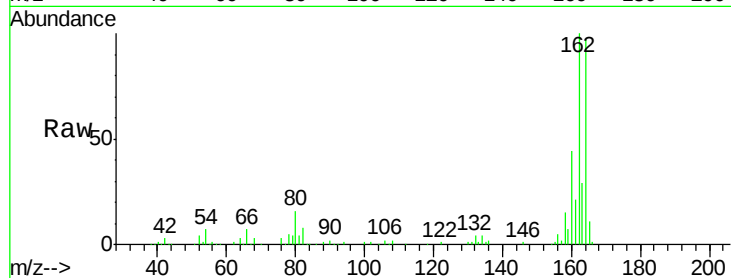
Tot Ion:163 Resp: 39727

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

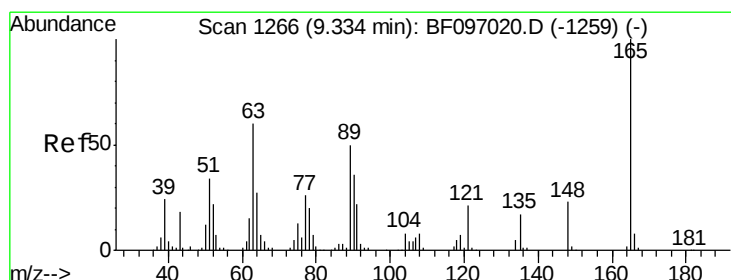
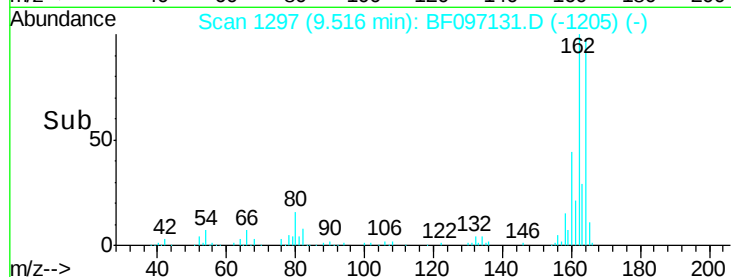
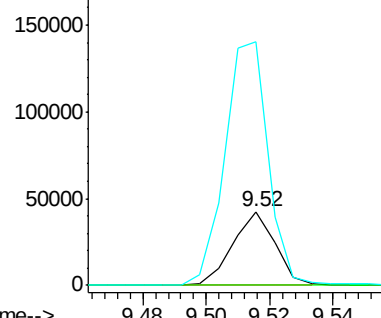
164 331.6 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.43 ng

RT: 9.51 min Scan# 1296

Delta R.T. 0.18 min

Lab File: BF097131.D

Acq: 27 Jul 2017 19:17

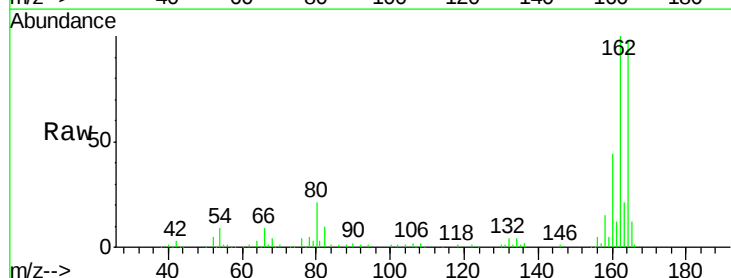
Tgt Ion:165 Resp: 15970

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

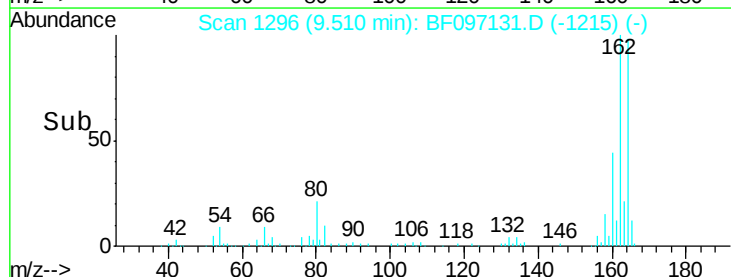
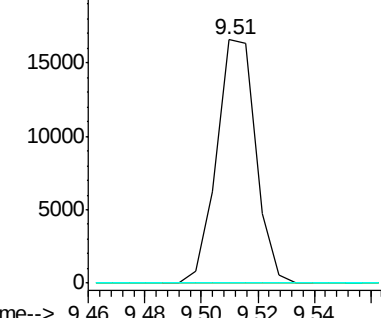
89 0.0 37.1 55.7#

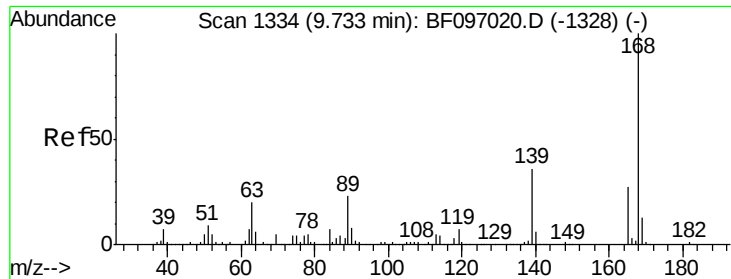


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

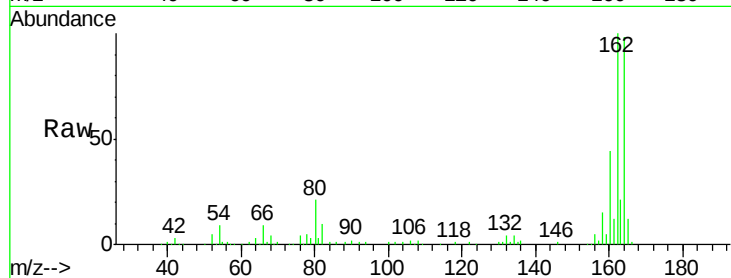




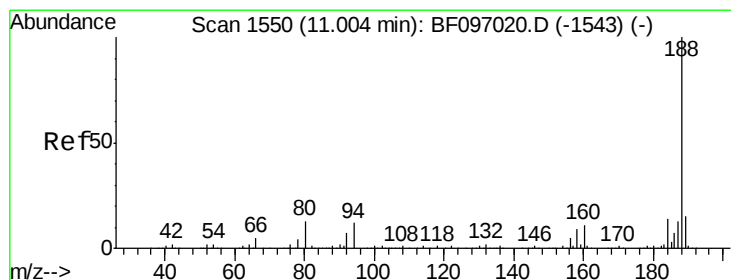
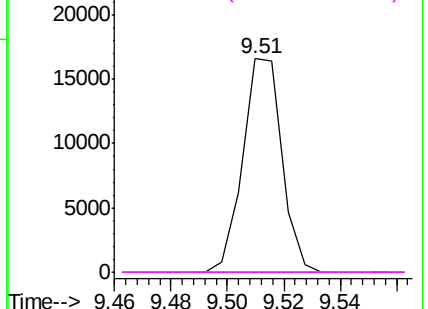
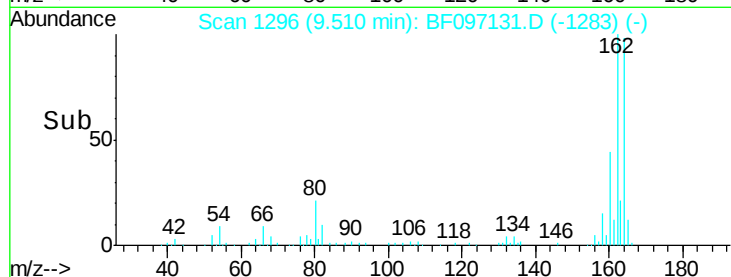
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 15970
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

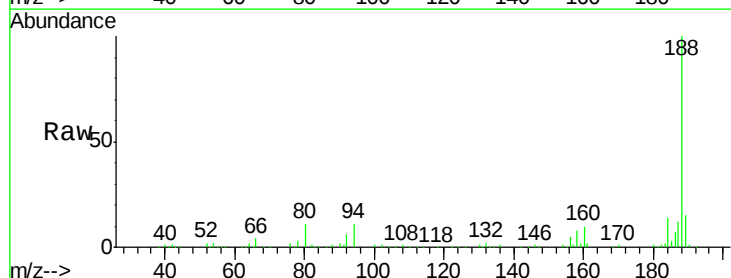


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

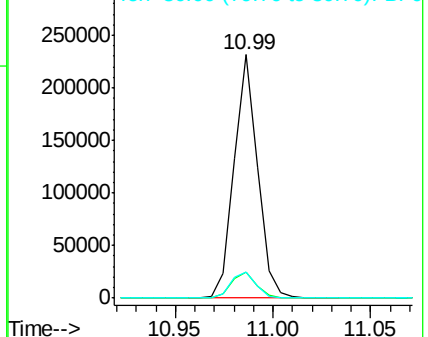
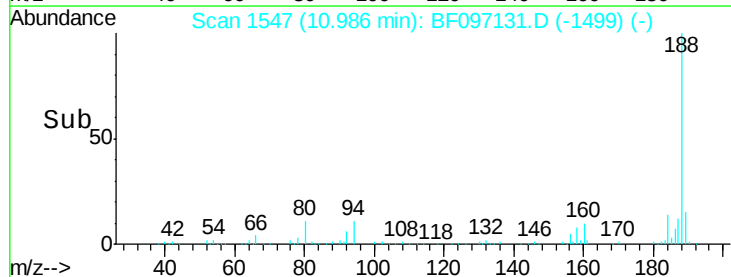


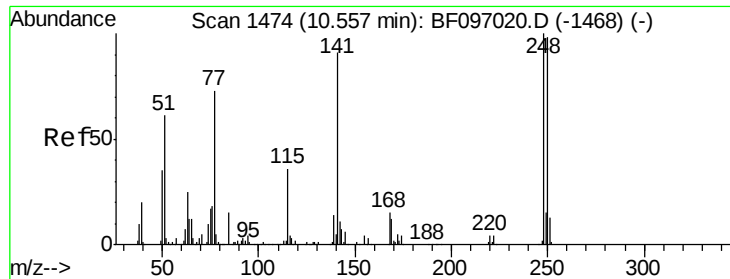
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Tgt Ion:188 Resp: 194043
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

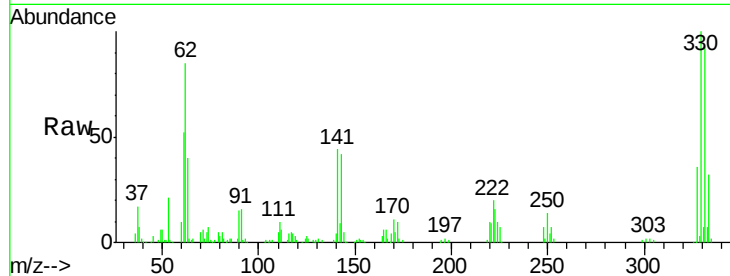




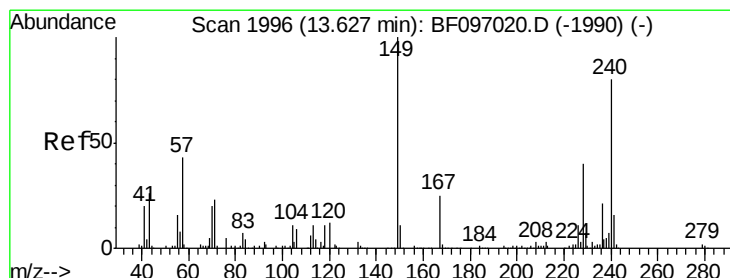
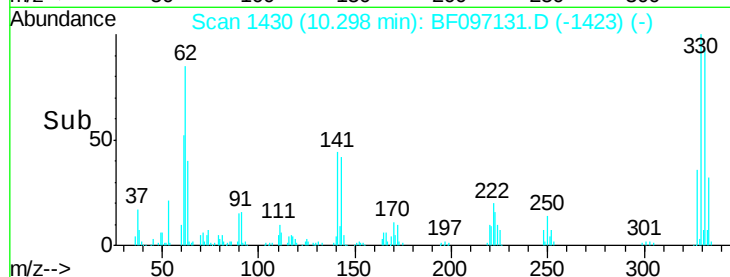
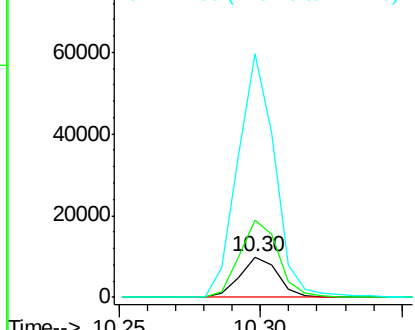
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9127
Ion Ratio Lower Upper
248 100
250 189.3 76.8 115.2#
141 599.6 68.6 103.0#

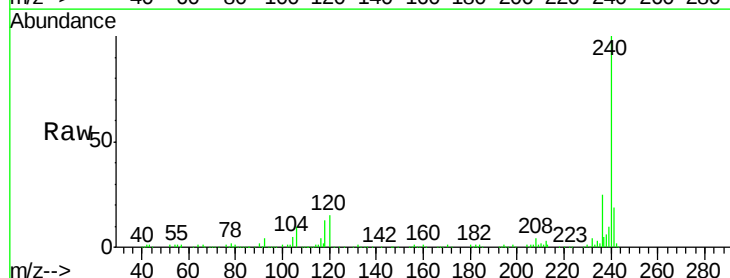


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

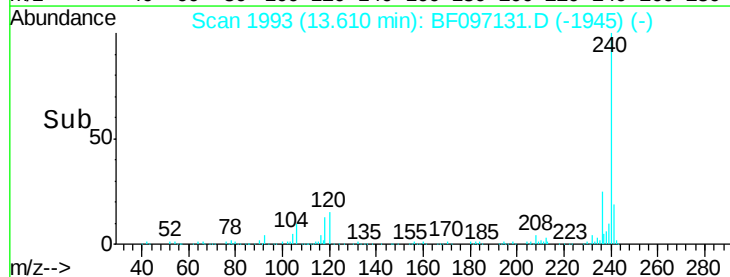
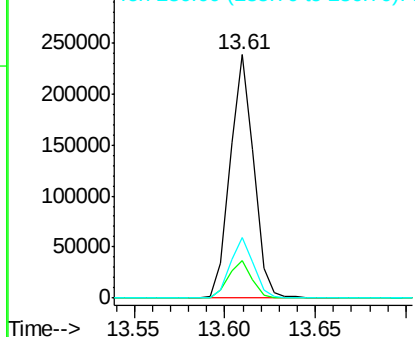


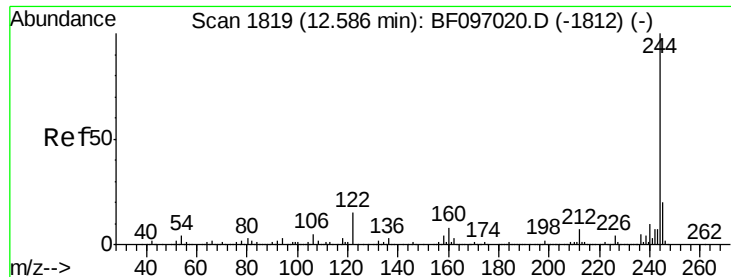
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097131.D
Acq: 27 Jul 2017 19:17

Tgt Ion:240 Resp: 216292
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

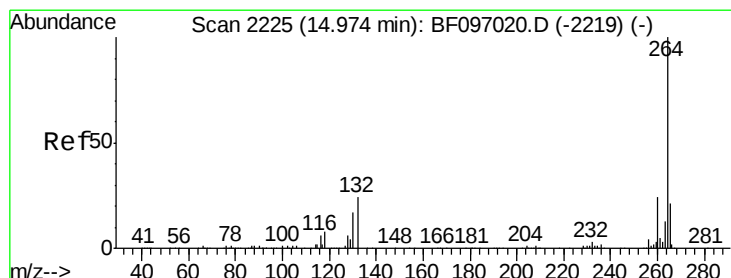
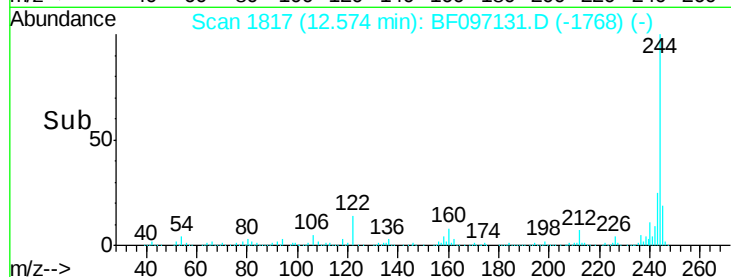
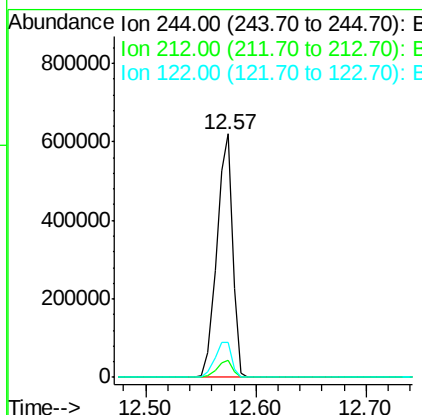
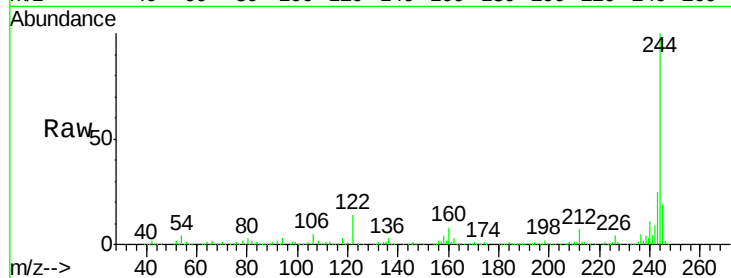




#78
 Terphenyl-d14
 Concen: 57.65 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 611548
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097131.D
 Acq: 27 Jul 2017 19:17

Tgt Ion:264 Resp: 179803
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.0 17.2 25.8

